

19970725.qrp v00_n798.qrs.970725

>From ???@??? Fri Jul 25 23:34:01 1997
Date: Fri, 25 Jul 1997 19:03:23 EDT
Subject: QRP-L digest 798
Message-Id: <97Jul25.192506edt.35534-18196+133@fidoii.cc.Lehigh.EDU>

QRP-L Digest 798

Topics covered in this issue include:

- 1) [23675] Re: UPS Batteries (fwd)
by Chris Cartwright <ccart@dns.vidtel.com>
- 2) [23676] 38special Sold
by kt3a@juno.com
- 3) [23677] Sierra?
by Rich Holoch <holoch@ccnet.com>
- 4) [23678] INDEX QRP Companion for sale
by Joel Malman <malman@BBN.COM>
- 5) [23679] QRP Emigrant Wilderness DX-pedition!
by Rich Holoch <holoch@ccnet.com>
- 6) [23680] qrp
by "Dean Marzocca" <n2tnn@ifu.net>
- 7) [23681] Re: Sierra?
by "Robert V. Cooley" <ad4mz@rocketmail.com>
- 8) [23682] RE: QRP Emigrant Wilderness DX-pedition!
by n4js@amsat.org
- 9) [23683] Jade Website now: <http://www.jadeprod.com/>
by Jade Account <jadepro@reg.seresc.k12.nh.us>
- 10) [23684] HW-8 key jack wiring
by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 11) [23685] Oak Hill DD 1 Digital Readout
by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 12) [23686] Re: Which Wire?
by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
- 13) [23687] RE: Callsign Lookup
by ke3fl@juno.com (Philip Karras)
- 14) [23688] AOL Problems
by ROYGREGSON@aol.com
- 15) [23689] Ten Tec 509 Keying Remedy
by "Dennis B. Dolle" <dolledb@cet.com>
- 16) [23690] RE: Ease of making contacts proportional to power?
by ke3fl@juno.com (Philip Karras)
- 17) [23691] CQC BUMBLEBEEENESS SUNDAY
by Dick Schneider <rschneid@ix.netcom.com>
- 18) [23692] Re: Dual Gate MOSFETS
by n5inz@juno.com (John M Andrews)
- 19) [23693] Parts for the 38 Special Enclosure.

- by Ted Kell <tedkell@orbitworld.net>
- 20) [23694] No word on Bumblebee
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 21) [23695] Toroid and Finger Nail Polish
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 22) [23696] Re: Ft.Tuthill QRP Convention
by "John Nystedt" <nystedt@indirect.com>
- 23) [23697] Re: Dual Gate MOSFETS
by Chris Trask <ctrask@primenet.com>
- 24) [23698] RE: Beter than DSP?
by Alan Kaul <kaul@netcom.com>
- 25) [23699] Files Attached to Routine Mail
by Russ Garner <71544.1645@compuserve.com>
- 26) [23700] Bad news - Good News
by DaveLeDuc@aol.com
- 27) [23701] BUMBLEBEE #6 N0HJ (former N3Q00) - Barr Camp, CO
by John Evans - N0HJ <jaevas@codenet.net>
- 28) [23702] Re: Attached files on qrp-l
by SKIPNC90@aol.com
- 29) [23703] TOC QRPp Summer 1997
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 30) [23704] North Dakota
by ALK0FRP@aol.com
- 31) [23705] resonant spkr
by Steven Weber <kd1jv@moose.ncia.net>
- 32) [23706] Rig recommendations?
by Jim Glover <psykey@okcforum.org>
- 33) [23707] Re: As Promised: RESONANT SPEAKERS for CW!
by "Donald R. Allen" <drallen@prairienet.org>
- 34) [23708] Re: Beter than DSP?
by laura halliday <ve7ldh@direct.ca>
- 35) [23709] Re: Attached files on qrp-l
by laura halliday <ve7ldh@direct.ca>
- 36) [23710] Flight of the Bumblebees
by Bill Jones <kd7s@psnw.com>
- 37) [23711] 38s RIT mod?
by Jeff Grudin <grudin@pacific.vdbs.com>
- 38) [23712] Re: HW-8 key jack wiring
by Ed Loranger <we6w@qsl.net>
- 39) [23713] Special Event: Alcatraz and W6LFJ
by Ed Loranger <we6w@qsl.net>
- 40) [23714] Return from Backpacking trip
by herr@ridgecrest.ca.us (Michael Herr)
- 41) [23715] Embedded Research Web Page/e-mail
by wb8ygg@juno.com (Bradley S. Mitchell)
- 42) [23716] Re: Ease of making contacts proportional to power?
by Ed Loranger <we6w@qsl.net>
- 43) [23717] Bumblebee Announcement

by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
44) [23718] Virtually Final Roster for the Bumblebees
by Russ Carpenter <russ@natworld.com>
45) [23719] Tuthill
by rob3ert@juno.com (Robert G. Parks)
46) [23720] Tuthill
by rob3ert@juno.com (Robert G. Parks)
47) [23721] Re: vertical reflector
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
48) [23722] Hi John
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
49) [23723] Re: Which Wire?
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

Date: Thu, 24 Jul 1997 20:08:05 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [23675] Re: UPS Batteries (fwd)
Message-ID: <Pine.LNX.3.93.970724200336.1864A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>B.G.Micro has 12V 7aH lead acids from "Best" UPS's, just got two with
>date codes that make them less than a year old :) Oh, yeah \$7! And
>their \$0.99 2N3553 "housemarked" transistors are RCA4013's. OHR owners
>take a look. Usual disclaimer...

Since there are so many request for contact info:

B.G. Micro 800-276-2206
PO Box 280298 bgmicro@bgmicro.com
Dallas, TX 75228 http://www.bgmicro.com

And ask for a catalog, it has lots of great junk... err... stuff in it :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Thu, 24 Jul 1997 20:25:57 EDT
From: kt3a@juno.com
To: qrp-1@Lehigh.EDU
Subject: [23676] 38special Sold
Message-ID: <19970725.201020.5415.4.kt3a@juno.com>

Thanks for interest,

John, W3HMS sold his 38S same day it was posted.
Apparently, still a bargain.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Thu, 24 Jul 1997 17:37:11 -0700
From: Rich Holoch <holoch@ccnet.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [23677] Sierra?
Message-ID: <01BC9858.382A46D0@h96-198.ccnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have built a Wilderness SST for 30M with a built in KC-1 keyer, and am VERY pleased with this rig.
I've worked Rhode Island, Alaska and Hawaii in the first month, with 2 watts.
I've heard a number of European stations (while using my R7 antenna), so I know the receiver is sensitive "enough". The receiver's filter is really super, in fact, I like it better than my ICOM 728

I am seriously thinking about building the Wilderness Sierra with a bunch of band modules. But before I order, I'd like to get some feedback from this list regarding your experience.

I am going to use the SST next week on my first Solar Powered QRP DX-pedition, and the rig sure is light weight with a very low power drain. It seems as though the Sierra, while a big bigger and a bit more power consumptive, would be ok on a backpack trip. What say you?

Let me know what you think about your Sierra - both using it at home and in the field. Anything annoying?

I plan on building it with the KC-2 and updated front panel.

Rich
KY6R

Date: Thu, 24 Jul 97 20:58:32 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Subject: [23678] INDEX QRP Companion for sale
Message-ID: <199707250058.UAA26105@nss2.CC.Lehigh.EDU>

Folks,

My brother has a INDEX Labs QRP Companion for sale. It has a built-in noise bridge antenna tuner for balanced (300/450 'window wire') and coax. Also has a 12v, 4AH volt gell cell to power QRP+ or other rig. He does not have internet access. Price is \$100 (firm) including shipping. You should contact me for details.

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=214 30m=196 17m=17 12m=01 States=26/04/00 DX=054/12/01

Date: Thu, 24 Jul 1997 18:05:13 -0700
From: Rich Holoch <holoch@ccnet.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [23679] QRP Emigrant Wilderness DX-pedition!
Message-ID: <01BC985C.22BA0200@h96-198.ccnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Since I don't fish, and don't cut bait, I will send CW, QRP style from one of the most beautiful places on earth - the Emigrant Wilderness, north of Yosemite, and south of Lake Tahoe. (Yes, this is the place where Emigrants might have been "stuck", but fared better than those from the Donner Party).

I will be operating on 30M CW, between 10,109 and 10,120 early mornings, late

afternoons and
evenings (PST), (July 26th - August 2) with my SST and built in KC-1. I will be
trickle charging a
1.2 aH gel cell with a "flexible" Uni-Solar panel. I will also be using my
special homebrew microswitch
paddles. For one or two nights, I will operate from a camp surrounded by glacial
tarns at about 11,000 ft.

I will print up special photo QSL cards for the event, and I hope to make these
cards something
special. I will also be on 2 meters and 440 looking for repeaters that cover this
area. 147.945 and 145.17
seem to make sense, and I will scan for others as well. Every QSO gets a QSL,
regardless of band.

72's,

Rich

P.S - after I build my Sierra, I'll put together dx-peditions with 40 -
10M

Date: Thu, 24 Jul 1997 21:34:19 -0400
From: "Dean Marzocca" <n2tnn@ifu.net>
To: <psykey@okcforum.org>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [23680] qrp
Message-ID: <199707250134.VAA28986@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Jim,

I understand your concerns about this 5w power thing, but if you can hear
them, they can hear you.

We all hear each other, so why wouldn't you hear us?? or why wouldn't we
hear you??

Give it a try. You might get tired fingers tapping out all those 5w dits...

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Thu, 24 Jul 1997 18:49:56 -0700 (PDT)
From: "Robert V. Cooley" <ad4mz@rocketmail.com>
To: holoch@ccnet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23681] Re: Sierra?
Message-ID: <19970725014956.29620.rocketmail@send2.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

---Rich Holoch <holoch@ccnet.com> wrote:

>
> I have built a Wilderness SST for 30M with a built in KC-1 keyer,
and am VERY pleased with this rig.
> I've worked Rhode Island, Alaska and Hawaii in the first month,
with 2 watts. I've heard a number of
> European stations (while using my R7 antenna), so I know the
receiver is sensitive "enough". The receiver's filter is
> really super, in fact, I like it better than my ICOM 728
>
> I am seriously thinking about building the Wilderness Sierra with a
bunch of band modules. But before I
> order, I'd like to get some feedback from this list regarding your
experience.
>
> I am going to use the SST next week on my first Solar Powered QRP
DX-pedition, and the rig sure is light weight
> with a very low power drain. It seems as though the Sierra, while
a big bigger and a bit more power consumptive,
> would be ok on a backpack trip. What say you?
>
> Let me know what you think about your Sierra - both using it at home
and in the field. Anything annoying?
> I plan on building it with the KC-2 and updated front panel.
>
> Rich

> KY6R

>

Rich, I missed out on the pleasure of building my Sierra because I bought it from a fello ham. I have had it about 3 months and have been extremely impressed with the radio. I've taken it backpacking, sailing, and even operated mobile from the car. Ham radio hasn't been this much fun in years. So far I've worked over 20 countries and that was with very marginal antennas. If I come up with any negatives I will repost.

Just finished building two band modules, one doesn't work yet but it will when I find my error. I plan to build 3 more modules so I will have the complete set of 9 bands.

Have fun on your upcoming trip.

73

Bob AD4MZ

>

>

Sent by RocketMail. Get your free e-mail at <http://www.rocketmail.com>

Date: Thu, 24 Jul 1997 22:35:42 -0400 (EDT)
From: n4js@amsat.org
To: holoch@ccnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23682] RE: QRP Emigrant Wilderness DX-pedition!
Message-ID: <XFMail.970724223645.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

On 25-Jul-97 Rich Holoch typed:

>I will be operating on 30M CW, between 10,109 and 10,120 early mornings,
>late afternoons and
>evenings (PST), (July 26th - August 2) with my SST and built in KC-1. I will
>P.S - after I build my Sierra, I'll put together dx-peditions with 40 - 10M .
>. . . .

Rich,

Pardon stupid question, but what call will you using?

Sent at 22:36:45 on 24-Jul-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=027 30m=24 17m=3 12m=0 States=09/02/00 Countries=14/02/00

Date: Thu, 24 Jul 97 22:44:17 PDT
From: Jade Account <jadepro@reg.seresc.k12.nh.us>
To: qrp-l@Lehigh.EDU
Subject: [23683] Jade Website now: <http://www.jadeprod.com/>
Message-ID: <Chameleon.4.01.970724224800.jadepro@jadepro.seresc.k12.nh.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good day Folks:

Just wanted to let you know the website has finally been registered on its own domain (see below). Several of you indicated some problems reaching us, that should all be cleared up for good and the email should now be fully functional. If you have any problems, please do let us know.

72

Dennis, K1YPP

PS: Yes, we still do have plenty of Curtis Keyer kits and some number of spare parts.

Jade Products, Inc.

Jane Blanchard, President

Dennis Blanchard, Chief Engineer

Phone: 603-329-6995 (Summer hours 4 to 10 PM EST)

FAX: 603-329-4499

Orders: 800-523-3776

e-mail: jadepro@jadeprod.com

See our Web Page:

<http://www.jadeprod.com>

Date: Thu, 24 Jul 1997 22:45:10 -0400 (EDT)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.EDU>
Subject: [23684] HW-8 key jack wiring
Message-ID: <Pine.BSI.3.93.970724224020.17868A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A couple days ago someone mentioned something about the HW-8 keying jack not being wired properly, with the wires being reversed from "normal". I said something about "backward" HW-8 keying jack wiring in my Idea Exchange column in the QRP Quarterly a few years ago, and promptly ate a bit of crow in the next issue; turns out there isn't really any "wrong" wiring :-). If you look at the construction section of the HW-8 manual, they instructed you to wire it one way, or do it the opposite if you had a certain model of Heath keyer you'd be using with it. That's why the jack is insulated from the chassis, as built; it could then be wired with either polarity. Depending on who built the thing originally, an HW-8 could very well be wired "backward", and may have changed hands several times over the years without anyone bothering to rewire it to the "normal" configuration.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Thu, 24 Jul 1997 22:49:35 -0400
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: <qrp@ohr.com>, "QRP Group" <qrp-l@Lehigh.EDU>
Subject: [23685] Oak Hill DD 1 Digital Readout
Message-ID: <19970725025045.AAA12229@pentium>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

Finally built the Oak Hill DD1 digital readout I ordered about a 2 months ago. It works great, no problems with the instructions and the kit went together smoothly. I really liked the checkout procedure prior to firing up the readout. The check out went fine and the readout and counter work great.

Thought I might pass something on to the group I was having trouble with RF getting into the readout only on 15 meters using my HW-8. The problem was resulting in the readout going crazy and running continuously. It was only on 15 meters. The solution was simple, naturally I tried all the hard stuff first (extra shielding, changing values of coupling capacitors, extra bypassing of the power supply, etc.) The solution was simply using a better grade of shielded wire then RG-174/U from the HW-8 to the readout and wrapping about 5 or 6 turns of the shielded wire around a toroid (in this case it was simply half of a old TV flyback transformer).

The usual stuff, I have no connection with Oak Hill Research, just thought I would pass along what I learned and hope I save someone the trouble I scratched my head on for 3 nights.

72

Steve Ray K4JPN ex K1VKW HW-101, HW-8, SWL 30-40 and NC 38S Heath
Kit fan

Date: 24 Jul 97 23:03:55 EDT
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
To: Ed Loranger <we6w@qsl.net>, "W.D. (Doc) Lindsey/K0EVZ"
<70511.3041@CompuServe.COM>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [23686] Re: Which Wire?
Message-ID: <970725030354_70511.3041_IHD82-5@CompuServe.COM>

Ed:

Many thanks for the advice. I need something lightweight for my trip to the UKRAINE in about three weeks. I plan to take the Sierra--for listening only--so need to watch the weight. I am frankly very excited about possibly hearing signals from all over Europe and USA from across the Pond!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI 9398 ARRL WAS 49/38 DXCC 48/39 <><

Sierra Argosy 525 Argo 515 HW-9 Explorer II-40 SW-30 Norcal 40a
Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er 38S Mercury
Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA HB G5RV
Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Thu, 24 Jul 1997 22:51:06 EDT
From: ke3fl@juno.com (Philip Karras)
To: qrp-1@Lehigh.EDU
Subject: [23687] RE: Callsign Lookup
Message-ID: <19970724.225109.4591.1.ke3fl@juno.com>

>From straight email send an email to: lookup@qrz.com
No subject, each line of text should have: lookup ke3fl
(or the call you want to look up in place of KE3FL.)

WWW sites:
<http://www.ualr.edu/~hamradio/callsign.html> *** This works just fine!
<http://www.wm7d.net/fcc/callsign.html> *** This works just fine!

Thanks for all who responded to my request. I can now get lookups from
Juno or from Erol's using Netscape.

73 & 72 de KE3FL
Phil K

Date: Thu, 24 Jul 1997 23:12:12 -0400 (EDT)
From: ROYGREGSON@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23688] AOL Problems
Message-ID: <970724231035_949980242@emout14.mail.aol.com>

Gang, seem to be having problems with AOL. I can send msg's I think ? but

get a msg " That account no longer available" when trying to receive new ones
???? Started last night, received several msg's, then got a "goodby", just
signed me off ! Anyone else having a problem ?
Thanks Roy

Date: Thu, 24 Jul 1997 20:26:11 -0700
From: "Dennis B. Dolle" <dolledb@cet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [23689] Ten Tec 509 Keying Remedy
Message-ID: <199707250330.UAA27206@cet.cet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Fellow Masochists,
Several subscribers have requested information about improving the keying
characteristics of the Ten Tec Argo 509. Look on the qrp-1 homepage under
Hints and Kinks. There is comprehensive information that I believe
supplies the cure for your rigs' ills. Good luck.

Dennis, NX5W

Date: Thu, 24 Jul 1997 22:51:06 EDT
From: ke3fl@juno.com (Philip Karras)
To: psykey@okcforum.org, qrp-1@Lehigh.EDU
Subject: [23690] RE: Ease of making contacts proportional to power?
Message-ID: <19970724.225109.4591.0.ke3fl@juno.com>

Hello Jim,

I posted a message to the group about this topic a few weeks or
months ago. I have no "measured" data to backup what I'm about
to say, only circumstantial evidence. Meaning, I've done things
and this is what happened. A much better test would be to make
QRP and QRP contacts and then raise or lower the power to see if
the contact could still be made/maintained or be made much
better.

First, the best antenna you can manage, as stated before, is
worth its weight in KWatts! No bones about it and you'll get no
arguments from anyone on this list, the truth simply is.

This leads to another fun topic about directional antennas being allowed by folks who claim to be "true" QRPers. But I'll let that one go for another time, I contend yes. :-)

Next, this past year I have had difficulty making and keeping contacts on 80, 40, and 30 meters. I have no contacts on 20 meters QRP except for Field Day this year. QRO I must admit to a few more contacts but the same problems overall.

(I think we should study the effect of TWatts of power on the ionosphere enhancing communications, I'm sure it happens! Every Field Day I make QRP QSO's up the wazoo where before no one would come back. Course we're all there at the same time which sure helps :-)

My mode of operation is if I can get 30 min in the shack and start a QSO then I work it, otherwise I close up shop. I have switched between QRP and QRO (20 - 100W) to see if I could make a contact, and most of the time if I was not able to catch a QSO in 30 min QRP I was also not able to catch one QRO in an additional 30 min.

Last, when I go on vacation I give myself 60 min to make a QSO. I ALWAYS come home with an average of two/day at 3+ Watts and a 40 meter dipole up around 20-30'. Even this past year with conditions very poor. I have noticed that the QSO's are not as long as in years past, but they're still there. (This past March vacation max QSO length 24 min. Two years ago max QSO length was 63 min., same setup.)

I would recommend 40 meters to start with. I selected this band about 4.5 yrs ago as my first QRP venture for camping and I have not been disappointed in quantity and quality of QSO's. 30 meters is not a "big" band and if QSO's is what you want 40 meters is the place to start. 80 meters is just as good but pretty much empty during the day and you need about 225 KHz bandwidth to get both extra and novice parts of the band, 40 meters is only 150 KHz wide. Another advantage for the antenna and the rig.

Keep your eyes open for a Ten Tec Century rig. The 21 goes up to about 40 watts, the 22 up to 20 W and both can be turned down to QRPp levels with no problems. This would give you QRP and QRO in one rig with ease. The 22 is made for battery operation, the 21 has a built in AC/DC supply but can be operated on battery if you take care.

I started with a 21 and now own a 22. But my super fun rigs are the QRPers I've built & bought, mono-banders for 80, 40, and 30, and my pride & joy the OHR-400 four bander 80/40/30/20. My camping rig is generally the MFJ-9040 tho' I did take the Century 22 last year to try out bands other than 40. Ended up making QSO's only on 40 all four days.

Good-luck and have fun! If you build a kit go for one that goes up to the full 5 watts with the ability to lower the power.

73 & 72 de KE3FL

Phil

(Nothing to Extra in 7 months - not quite as good as 1 day as Ed/WE6W did it :-)

P.S. My only disappointment in doing it so fast was that I didn't get to do Novice Roundup as a Novice, how about you Ed?From ke3fl
From: ke3fl
Full-Name: Philip Karras
To: qrp-1@Lehigh.EDU
Subject: RE: Callsign Lookup
X-Status: Unsent

>From straight email send an email to: lookup@qrz.com
No subject, each line of text should have: lookup ke3fl
(or the call you want to look up in place of KE3FL.)

WWW sites:

<http://www.ualr.edu/~hamradio/callsign.html> *** This works just fine!
<http://www.wm7d.net/fcc/callsign.html> *** This works just fine!

Thanks for all who responded to my request. I can now get lookups from Juno or from Erol's using Netscape.

73 & 72 de KE3FL

Phil K

Date: Tue, 24 Jun 1997 21:29:19 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [23691] CQC BUMBLEBEEENESS SUNDAY
Message-ID: <33B0908F.6A06@ix.netcom.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'll be buzzing around the airwaves Sun July 27 operating the CQC club station - W0CQC/BB from the Lost Creek Wilderness in Colorado. Hope to hear you all..

72 Dick AB0CD..

Date: Thu, 24 Jul 1997 19:58:28 -0700
From: n5inz@juno.com (John M Andrews)
To: K5BDZ@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [23692] Re: Dual Gate MOSFETS
Message-ID: <19970724.211001.12358.1.N5INZ@juno.com>

Hi Folks:

Packed away my tester and need info on:

SD211DE(LOGO)H8442 T0-18, 4 leads, curly shorting wire- thus
guess
this might be dg fet.or '5179(?).....

Really sick of packing. Hope Texas is as great as spouse claims. One
thing about
it.....I had NO idea I owned that much radio gear!

Thanks in advance(got a bunch of these little devils and need to know
what
good they are for).

72, John- N5INZ

Date: Thu, 24 Jul 1997 23:17:17 -0500
From: Ted Kell <tedkell@orbitworld.net>
To: qrp-1@Lehigh.EDU
Subject: [23693] Parts for the 38 Special Enclosure.
Message-ID: <33D828CC.BFA9BC6E@orbitworld.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought one of Doug Hauff's 38 Spl enclosures. It is a really nice part. However, I am having a bit of a problem with some of his suggested parts for the switches and jacks. He equotes the TiCK switch as a RS 275-1574. There is no such. There is a 275-1547 mini pushbutton switch which I assume is the correct one. He also specifies a RS 274-276 part for the key jack. That one I can't find, either in the catalog, or in RS's database. Has anyone figured out what is needed here?

Thanks

Ted

Date: Fri, 25 Jul 1997 04:28:52 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [23694] No word on Bumblebee
Message-ID: <199707250328.EAA26098@chuck.dallas.sgi.com>

I got email the other day from Russ on the Bumblebee ARS test. I was scheduled for Sunday, but volunteered to give up my slot due to travel from Phoenix to LAX for part of the test. So, please don't be looking for me as I will be in a Faraday Shield at the time at 35K feet. There should be a substitute coming up.

Heading for AZ and cooler weather.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>
K5FO's online Morse Code course --- see the home page
WIMPS: Qs=049 30m=35 17m=5 12m=0 States=24/05/00 DX=03/00/00 QSLs=016

Date: Fri, 25 Jul 1997 04:25:52 +0100

From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [23695] Toroid and Finger Nail Polish
Message-ID: <199707250325.EAA26017@chuck.dallas.sgi.com>

Got a AADE L/C Meter IIB a few weeks ago and just now getting to play with it while waiting on a print job with 377 labels.

Here is the scenario:

1. T37-2 Toroid
2. 12T of #30 wire
3. Evenly spaced with 30 degree gap

0250UTC 0.976uH with no nail polish
0251UTC 0.976uH with freshly applied clear nail polish
0255UTC 0.976uH after some drying
0305UTC 0.976uH after some more drying

Now a bunch of us have applied clear nail polish or Q-Dope (tm) to toroids in oscillator circuits and watch the thing drift for hours, but eventually the circuit would return the same frequency as before application of the nail polish or whatever in about 12hrs or so.

Remember, we are measuring here with the L/C Meter at a lower frequency so that distributed capacitance is probably not that large a factor.

I will leave the toroid as is on the meter without moving it and remeasure again first thing in the morning. Betcha it is something like 0.976uH. :-)

Just a start of a year long project. Gotta try the red finger nail polish next. Then do some more cores and different wire sizes.

What I do is follow the advice in the manual and write down the first measurement as some drift occurs internally, but it isn't significant IMHO. You can't use the four significant figures anyway once you put a part in a circuit.

Now I know a bunch of this group has already gotten this meter, but I'm telling you that if you do much with inductors and caps then you just gotta have one of these. You'll wonder how you ever ever got along without it.

I bought this puppy from Milestone in CO and paid the same price

as you would. Marshall shipped it same day and I had it in two. My postoffice takes longer than the rest in Dallas for some reason. But I'm not complaining. The only snag that I ran into was one of the 3/4 in standoffs had a small thread size for some reason. Replacement came in mail by USPS from AADE. Good service and no problem. We are spoiled with all the uP based products in today's market place.

Measurements made using the same finger polish that I picked up in NM at Woolworth's last year, which I guess by now is gone. Another bit of Americana passing us by.

I have to go back and check why I got 0.576uH using a program that I wrote. Probably the program that I wrote or Murphy's Law says that I picked the wrong core. Got more that I'll try.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>
K5FO's online Morse Code course --- see the home page
WIMPS: Qs=049 30m=35 17m=5 12m=0 States=24/05/00 DX=03/00/00 QSLs=016

Date: Thu, 24 Jul 1997 21:53:22 -0700
From: "John Nystedt" <nystedt@indirect.com>
To: <qrp-1@Lehigh.EDU>, <azqrp@user1.dancris.com>, "Floyd Smithberg" <flydnq7x@primenet.com>
Subject: [23696] Re: Ft.Tuthill QRP Convention
Message-ID: <199707250451.VAA12339@mail.goodnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Floyd:

Sounds like you will be the mobile QRP / store / bar / etc.... Things are finally coming together for me. Talked one of my drivers out of his truck for the weekend & my father-in-law out of his camper, so I will be spending the nite with the group on Saturday. Will leave early (for me) Saturday, so should see you about 10am. If possible, please save me a space around the ScQRPion section of the campground.

BTW, if anyone needs some additional supplies, food, medicine etc, do not hesitate to telephone me anytime Friday (office 285-0202 or at home 998-2190)

Look forward to seeing all "you all" on Saturday!

-- John --

KJ7YN

> From: Floyd Smithberg <flydnq7x@primenet.com>
> To: qrp-1@Lehigh.edu; azqrp@user1.dancris.com
> Subject: Ft.Tuthill QRP Convention
> Date: Wednesday, July 23, 1997 10:27 PM
>
> I will be arriving Fri around noon in my 23' MH with Mike, NQ7K (I hope),
> set up in the campground and stay til Sunday noon. I'll have rigs &
> accessories, antennas, QRP books & magazines for display, tools, extra
card
> table, 4 folding chairs, 3 tarps & rope, umbrellas, rain gear, for sale
> items, chips & salsa, beer, condiments, food, ice chest, pop, propane
stove,
> propane lantern ...if anybody needs anythings else I can bring let me
know.
> Looking forward to a great QRP Blast.
> 73 Floyd NQ7X Phoenix ScQRPion DM33uq
> ARRL ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=103
>

Date: Thu, 24 Jul 1997 22:44:24 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: John M Andrews <n5inz@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23697] Re: Dual Gate MOSFETS
Message-ID: <Pine.BSI.3.96.970724224236.3957B-1000000@usr03.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Jul 1997, John M Andrews wrote:

> Hi Folks:
>
> Packed away my tester and need info on:
>
> SD211DE(LOGO)H8442 T0-18, 4 leads, curly shorting wire- thus
> guess
> this might be dg fet.or '5179(?).....
>

Neither. This is a Siliconix (now Temic) N-channel lateral DMOS
FET, usually used as a high-speed switch.

> Thanks in advance(got a bunch of these little devils and need to know
> what good they are for).

>

Great for audio and HF switching.

Regards,

Chris

```

/-----\
/ If you understand it, \
/   then it's obsolete!  \
\-----/
_ | /
oo\
(--) \
    \  . ' .
    \  ' '
    \  "
    \  ( )
    \  '-| )__| :. \
    \  | | | | \ '
    \  c__; c__; '---'>._

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com

Graphics by Loek Frederiks

Date: Thu, 24 Jul 1997 23:54:11 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23698] RE: Beter than DSP?
Message-ID: <Pine.3.89.9707242300.A2309-01000000@netcom13>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You guys are re-inventing the wheel. It seems to me
Rick Littlefield ''discovered'' the Dixie Cup (tm?)
speaker resonator about 8-10 years ago in one of the
major ham magazines (then HR, or CQ or QST or 73).

72/73 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: Fri, 25 Jul 1997 03:05:33 -0400
From: Russ Garner <71544.1645@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [23699] Files Attached to Routine Mail
Message-ID: <199707250305_MC2-1B8A-AEA3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Gentle Listers:--

I ain't mad at nobody.
But I would like to broadcast far and wide
that I really do not like to receive uninvited
attached binary files when I download my
mail. There are a number of technical and
sociological and Freudian reasons for my
dumb attitude. But we don't have the time.

Off and on I communicate with several
people on this List and ask them specifically for binary
attachments. I do not have a divine right to this service.
They send me the binaries because they have a
generous nature and are willing to cater to a supplicant. =

Whenever I get your stuff unsolicited, I am usually blind to
the assigned file name and then later feel that my download
space on drive E: (precious real estate) has been egregiously
invaded. And I don't even know what "egregiously" means!
(Well, yes I do: I have American Heritage on my machine.)
But I can tell you for sure that when this happens I am driven
beyond cutoff and saturate real fast. (Maybe you know what
an Eg/Ip curve is?)

And slips don't count. I don't feel very tolerant or forgiving
when you say "gee, folks, I didn't know I did that!"

Russ Garner, Marion, IA WA0UIG

=

=

Date: Fri, 25 Jul 1997 06:57:58 -0400 (EDT)
From: DaveLeDuc@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23700] Bad news - Good News
Message-ID: <970725065756_916447100@emout06.mail.aol.com>

The bad news is that my HW-9 station is sold.

The good news is that it was purchased by a /KH6

73 de Dave K1EPJ

Date: Fri, 25 Jul 1997 07:04:30 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [23701] BUMBLEBEE #6 N0HJ (former N3Q00) - Barr Camp, CO
Message-ID: <33D8A45E.6B11@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all,

If all the ducks line up and the badgers don't get them, I will be operating a bit northeast of Barr Camp, Colorado, which is halfway up the trail to the top of Pike's Peak around 10,000 feet. Look for me on/near the QRP calling frequency on 20m (14.060) with my new SST-20.

If the group I am backpacking with makes it up to Barr Camp at a reasonable time Saturday, you may hear me around noon or 2 PM MDT on Saturday also. I'd like to make a sked with AA30R who is vacationing in Utah and testing out his portableness, too. I should definitely be on Saturday evening as well as Sunday before the Bee event !!!

73/72 de john - n0hj

John A. Evans Chief Systems Administrator
Office: (719) 528-1800 x164 Titan Software Systems

Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Fri, 25 Jul 1997 09:35:20 -0400 (EDT)
From: SKIPNC90@aol.com
To: Wayneb1103@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [23702] Re: Attached files on qrp-l
Message-ID: <970725093505_1828494868@emout06.mail.aol.com>

Hi Wayne,

I have had the same trouble. I go to the upper left corner and use the Switch to....selection then select End Task. This closes out the AOL session, Then just restart AOL. Also before you do the above write down the file that caused the problem. That files mail for some reason not available at the time of downloading. Now just delete all titles from that one to the end of the list, because not of them are downloaded yet. They will show up on the next download later in the day.

If you go on line into your mailbox all the postings should be in there and readable. I find if I read a few I can then download with a flash session and exit.

I hope this is of some help to you Wayne. I have found all this by experimenting, aren't computers fun.

73 De Skip NC90
skipnc90@aol.com

Date: Fri, 25 Jul 1997 15:00:38 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [23703] TOC QRPp Summer 1997
Message-ID: <199707251400.PAA11614@chuck.dallas.sgi.com>

Gang,

Here is the table of contents of the Summer issue of QRPP received today.

Funny cover drawn by NA5N. The kid has too much time on his hands. :-)

Photographer got me with sour look on my face on page 44. :-) Doug and I try to see how much of each other's money we can spend and I know that this weekend at Ft Tuthill AZ is gonna cost me more money, since Doug gets to the podium before I do. I'll take any hints from the QRP-L Crew before I leave at lunch today. :-) ;-) Doug will be at an unfair advantage since he left for AZ yesterday, but he probably took a modem and a laptop like the rest of us dweebs. ;-)

Another fine QRPP issue from Doug Hendricks and the membership of NorCal. Doug has it down to a fine art of grabbing the digital pictures and including them in each issue. Couldn't be done cheaply 4 or 5 years ago. And guys and girls, it is important that no matter how trivial you think some topic is there are people that want to see and hear about what you are doing. Everybody knows something that the rest of us don't know and we are inquiring minds. Publish or perish works in the QRP world too.

Speaking of pictures, on page 40 is the photo of the fine collection of paddles made by Wayne K8DD. The one on the far right hand side was the best looking of the bunch and had the finest touch. It was a beauty and I was in awe when I first saw it. I think Steve Hedig has some closeups of it somewhere taken at Dayton. I am hoping that maybe Wayne can do a writeup in QRPP on just how he did it. I didn't do shop in high school (I opted for typing, which is not good news for this group :-)) so I wanna know how you polish plexiglass that well? I'll trade my secrets on how to polish brass ^h^h^h^h oops I've already given those away. Hmmm, trade you a Mickey Mantle and a Nolan Ryan rookie card or how about a 2N2222 and a 4.7K?? :-)

FYI

Oh, and I certainly thought that I had posted the Volume V Number 1 TOC, but don't see it in the archives or on the ftp server, so will copy it if I get a chance before I leave for the airport when I get home. I don't have it on the system at work.

QRPP Volume V Number 2 Summer 1997

>From the Editor	Doug Hendricks KI6DS	2
Tuning the T-Match in the StLu Tuner	Fred Maas K5TX	4
The MRX-40 Mini Receiver	Steve Bornstein K8IDN	4
The PVC Gusher II	Joe Everhart N2CX	8
Rainbow Tuner Application Notes	Joe Everhart N2CX	12
Thump Thoughts	Daniel C Winkler N7IVR	15
Adventure Radio Society and Flight of the Bumblebees	Russ Carpenter AA7QU	22
The "Bumblebee" Backpacking Station	Bill Jones KD7S	24
Oscilloscopes (Part 1)	Paul Harden NA5N	27
80 metres SSB/CW QRP Rcvr Schematic	Dr. T.C. Choy VK3CCA	33
Dayton 1997 in Pictures	Dennis Utley AF7Y	37
QRP Plug Paddles	Steve Wroblewski N6MSQ	45
The DB 80, an 80M SSB/CW QRP Xcvr	Dr. T.C. Choy VK3CCA	47
TiCK-Talk: A Review of the TiCK-2 Keyer Chip	Bill Jones KD7S	50
Double Your Cascade Output on 20	Dave Meacham W6EMD	52
St Louis Tuner Mod - Air Wound Inductor and 160 Meters	Bob Barry WB2CWA	52
Improved AGC for the Cascade	Dave Meacham W6EMD	53
1997 Dayton Building Contest Results	Doug Hendricks KI6DS	54
Area 51 QRP To The Field Report	Doug Hendricks KI6DS	55
Build a Simple Portable Operating Table	Hendricks KI6DS	58
First Annual Ft Tuthill QRP Symposium	Roger Hightower KI7MN.	61
NorCal QRP Club 2nd Annual West Coast QRP Symposium	NorCal	62
QRP Hints & Kinks (A NorCal Exclusive)	Paul Harden, NA5N	63
38 Special Transceiver Kits	Jim Cates WA6GCR	67
Back Issues of QRPP and Subscriptions		67

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

K5FO's online Morse Code course --- see the home page

WIMPS: Qs=049 30m=35 17m=5 12m=0 States=24/05/00 DX=03/00/00 QSLs=016

Date: Fri, 25 Jul 1997 10:17:11 -0400 (EDT)

From: ALK0FRP@aol.com

To: qrp-l@Lehigh.EDU

Subject: [23704] North Dakota

Message-ID: <970725101627_-1640496696@emout20.mail.aol.com>

Well sorry to inform the operation was not successful . I did take the Sierra and mobile antennas. but no contacts.

Monday I operated from arode on the ND/SD border at west of the Dakota Magic Casino. operated from 2330 to 0100z calling continuously. No takers on 20 or 40m.

Operated from SD from 0300 to 0345Z both 40 and 20m no takers.

I was in MN Tuesday(International Falls) I did not operate got in late.

Long drive from Watertown SD

Wednesday nite I operated from Minot ND from from 0300 to 0330 continuous calling on as in other operations on 7039.5 and 14.060. Had to stop because of a severe storm . Had a tornado touch down on a farm of an elderly couple. took out the house and barn. The woman was killed and the husband and a granddaughter are in the hospital.

No takers

I was putting out 2.5 w on 40 and about 2 w on 20m . into a stock 40m Hustler and a modified 20m hustler on 20m.

I finished my work Thurday morning (44 hours work and drive time) and got a early flight back home. No operation Thursday or Friday as planned.

Next time I'll have to get hold of old friends up there where I can used home antennas. There was just no place to put up a dipole unless I set up out of town to a rest area or something.

Sorry guys I tried but just didn't happen this time.

A couple more watts could have help but maybe not, conditions were not the best. Heard a few stations and a Xe1 on 20m but nothing hot.

The hotel phone system would not allow my computer to dial out on AOL, the system was just not fast enough not enough pause between the 9 and 1-800 number. There needed to be a 3-5 sec pause between the 9 and the number. No local numbers in ND for AOL.

Al K0FRP

Date: Fri, 25 Jul 1997 09:46:21
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [23705] resonant spkr
Message-ID: <3.0.1.16.19970725094621.2807afd8@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Went home last night knowing the 10 oz tumbler was tuned a bit high in freq. So, I made a tuning sleeve out of a couple of QSL cards to slide inside the tumbler. Found that an extra inch or so of lenght helps it out.

The cards also seem to have made the sound a little "mellow" Now I'm wondering if some fiberglass insulation might help it out.

Also taked to my first SST-40. Sounded pretty good...

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 25 Jul 1997 10:45:22 +0000 (GMT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@Lehigh.EDU
Subject: [23706] Rig recommendations?
Message-ID: <199707251045.KAA03489@okcforum.org>
Content-Type: text

Wow... I was very pleased, to say the least, with all the responses to my post asking about how effective QRP power is at making contacts.

Now, I'm thinking about what to buy at the Oklahoma City hamfest this evening. (So...don't bother to reply to this one after 21:30 UTC unless you just want to express your opinions, or something.) I'm trying to think ahead about what kind of gear I'd like to buy. My goal is to walk away from the hamfest, ready to get on the air on HF. I need either a transmitter, or a transceiver.
My requirements:

- inexpensive (\$20 or \$30 would be great...up to \$100)
- 12V operation preferred, but not required
- 40M or 30M coverage a must
- 5W min. preferred, but I'll consider any great beauty that puts out at least 1W, and don't mind a bit if it's more like 50W (especially if it can easily be throttled back down to 5W or so).

My question: What models of transmitters/transceivers do you recommend? I gather that the 38 special would be an excellent choice. What other models would you like to suggest that I keep an eye open for? Kits, low-end models from places like MFJ, oldies but goodies...what comes to mind?

Thanks in advance!

--Jim

Date: Fri, 25 Jul 1997 09:33:19 -0500 (CDT)
From: "Donald R. Allen" <drallen@prairienet.org>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23707] Re: As Promised: RESONANT SPEAKERS for CW!
Message-ID: <Pine.3.89.9707250900.A11741-01000000@firefly.prairienet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Jul 1997, Ed Loranger wrote:

> My post regarding design of these is on my web page
> under 'Projects'.
>
> -Ed Loranger
> --
> 72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
> HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
> QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
> mailto:we6w@qsl.net <http://www.qsl.net/we6w>
>

FYI . . .

Anyone remember the "SkyTec" CW resonant speaker from the late '70s. I had one back then and it worked vy well. Typically, they were resonant at 750Hz plus/minus and had a sliding sleeve in mouth of tube to lower or increase resonant frequency slightly.

These were made of 4 inch PVC with a built-in audio amp. They were made by a gentlemen in Ukiah, CA, but are no longer available of course.

73,
Don Allen W9CW
Urbana, IL

Date: Fri, 25 Jul 1997 09:21:16 -0700
From: laura halliday <ve7ldh@direct.ca>
To: kaul@netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23708] Re: Beter than DSP?
Message-ID: <33D8D27C.37135812@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan Kaul wrote:

>
> You guys are re-inventing the wheel. It seems to me
> Rick Littlefield ''discovered'' the Dixie Cup (tm?)
> speaker resonator about 8-10 years ago in one of the
> major ham magazines (then HR, or CQ or QST or 73).

Solo-16 Acoustic CW Speaker by Rick Littlefield K1BQT.
Ham Radio, Volume 22 Number 3, March 1989, page 12.

Personally, I prefer the best linearity I can get (I use
quality speakers in my shack, and good headphones too), so
I know exactly where any modifications to the signal
are coming from. Your mileage may vary...

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Fri, 25 Jul 1997 09:30:32 -0700
From: laura halliday <ve7ldh@direct.ca>
To: qrp-1@Lehigh.EDU
Subject: [23709] Re: Attached files on qrp-1
Message-ID: <33D8D4A8.80DB236@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used to do email for a living at Microsoft, so...

A lot of what people are seeing is the result of incorrectly
configured email gateways at the sender's end (they can be
configured to strip inappropriate bodyparts), and brain-damaged
email reading software at the receiver's end - I use Netscape

(not perfect, but not at all bad) and don't see all the junk people are whining about.

Stuff like MIME is here to stay. Deal with it.

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Fri, 25 Jul 1997 09:49:46 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [23710] Flight of the Bumblebees
Message-ID: <33D8D92A.766@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Don't forget that Sunday, July 27th, is the Adventure Radio Society's "Flight of the Bumblebees" contest.

I will be checking 15 meters from time to time looking for activity. If your station has 15 meter capabilities, make some noise. As Bumblebee #4, I'm worth a 3X multiplier.

Date: Fri, 25 Jul 1997 09:56:18 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: qrp-1@Lehigh.EDU
Subject: [23711] 38s RIT mod?
Message-ID: <33D8DAB2.4536@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a question about the RIT mod. I did this using the transistor switches as described. It is not working. Before I get too into it can anyone varify one of the directions in the manual.

It says to connect the RIT pot to the tuning pot. Does that mean you

connect the free tab on the RIT pot to the tuning pot tab that goes to hole 18 on the board. And that you still connect the tuning pot to hole 18 (so there are 2 wires going to that tab on the tuning pot). This seems correct to me but I just want to verify this point.

Boy am I glad I don't try to write technical manuals.

Thanks.

--

73 de Jeff AC6KW
grudin@vdbbs.com

QRP-L #16	Private Practice : Companion Animals and Exotics
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa Cruz
California	Santa Cruz,

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Fri, 25 Jul 1997 10:00:18 -0700
From: Ed Loranger <we6w@qsl.net>
To: wa8mcq@u1.abs.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23712] Re: HW-8 key jack wiring
Message-ID: <33D8DBA2.6D5A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mike, Gang. I mentioned this. Rewiring the HW-8 per the schematic allows my keyer to properly operate both my OHR rig and the HW-8.

With a 'typical' phono jack wiring, i.e. Ring to ground, the keyer did not operate the HW-8.

HOWEVER! Now that the HW-8 jack matches the schematic, there is a 12 volt path, current limited through two resistors inside the HW-8, that is now on the phono jack ring. 12 volts on the shield. Don't like that.

So, if any ground, i.e. BNC connector, HW-8 chassis, tuner chassis, etc. touches the keyer ground (Now at 12 Volts), the HW-8 transmits a tone.

Now I wish the phono jack were wired 'typically', i.e. TIP to Keying line, Ring to Return/Ground.

But this results in the original situation: Normal keyer connection for the majority of rigs out there that can accept the solid state keyer, AND REVERSED connection at the keyer output terminals to run the HW-8.

I'm still pondering this. I meant to share this information yesterday, but was too busy.

Thanks Mike for reminding me.

-Ed Loranger

P.S. Sorry for the Full Quote. (QRP-L SOP, 6/97). But felt this technical issue needed clarification.

Mike Czuhajewski wrote:

>
> A couple days ago someone mentioned something about the HW-8 keying jack
> not being wired properly, with the wires being reversed from "normal". I
> said something about "backward" HW-8 keying jack wiring in my Idea
> Exchange column in the QRP Quarterly a few years ago, and promptly ate a
> bit of crow in the next issue; turns out there isn't really any "wrong"
> wiring :-). If you look at the construction section of the HW-8 manual,
> they instructed you to wire it one way, or do it the opposite if you had a
> certain model of Heath keyer you'd be using with it. That's why the jack
> is insulated from the chassis, as built; it could then be wired with
> either polarity. Depending on who built the thing originally, an HW-8
> could very well be wired "backward", and may have changed hands several times
> over the years without anyone bothering to rewire it to the "normal"
> configuration.

>
> 73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 25 Jul 1997 11:21:27 -0700

From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23713] Special Event: Alcatraz and W6LFJ
Message-ID: <33D8EEA7.5C77@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The web page says it all:
<http://cds.cds1.net/scra/alcatraz.shtml>

Briefly:

----- BEGIN PASTE -----
We are planning to offer special QSL cards or certificates commemorating this event. Stations worked must send us a SASE. Also please note the operator's name.
Send to:

SCRA (DXpedition)
PO Box 116
Santa Rosa, CA 95402

(All respondents will be checked against our logs.)

The club callsign of W6LFJ will be used.
Our plans are to work the following frequencies and modes:

Band	Frequency(+/-)	Mode
80m	(maybe - novice)	CW
40m	7.120 MHz	CW
20m	14.075 MHz	CW
15m	21.140 MHz	CW
10m	(maybe - novice)	CW
80m	(maybe - novice)	SSB
40m	7.265 MHz	SSB
20m	14.260 MHz	SSB
15m	21.400 MHz	SSB
10m	(maybe - novice)	SSB
2m	146.520 MHz	FM

For bands above marked "maybe", we will operate there according to band activity. If they open up, we're there!

----- END PASTE -----
So this weekend it's the Tuthill event,

Science Museum Special Event in Syracuse, NY.
I'm working 2Meters way-station for the Vineman Triathlon.
Alcatraz "The Rock" island Event.
Bumble Bees!!!!

And?
-Ed Loranger
--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 25 Jul 1997 11:15:25 -0800
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@Lehigh.EDU
Subject: [23714] Return from Backpacking trip
Message-ID: <v01530503affea52e6fc0@[199.120.150.35]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Gang,

Well, we returned from our backpacking trip to Muir Lake. What a blast! We had to delay a day to Wednesday due to the rain but made it in with no problem. Set up camp and the radio. One surprise was a marmot I scared out of his hole while setting up the antenna. (A marmot is like a very big squirrl, sort like a badger but not as mean).

After a short rain I had a couple of QSOs, including W7SSM and K6VNX, both which subscribe to the list. We had great chats, me sitting there whatching the lake (making sure it didn't go anywhere) and the clouds move by (making sure they did).

Had several other QSOs, including one with a mobile near Reno. Weird, sitting in the wilderness by a calm lake chatting with a guy in traffic 300 miles away. I've been doing this for 27 years and I'll never get use to it.

Due to pressing business at home we decided to pull up stakes early and came back on Thrusday evening. It was a short trip but very, very enjoyable. For all of you who ahve never tried taking a rig in the backcountry, go ahead, it will be a blast.

vy 72

Mike WA6ARA es Paula N6VGW

Date: Fri, 25 Jul 1997 14:34:41 -0400
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: qrp-1@Lehigh.EDU
Subject: [23715] Embedded Research Web Page/e-mail
Message-ID: <19970725.143442.4686.2.WB8YGG@juno.com>

Hi Folks,
The Embedded Research Web page is down for the count right now, and we're not quite sure when it will be back up. Our provider is having some difficulties at this time.

This means that our web page is not accessible, nor our e-mail.

<http://www.vivanet.com/~embres>
embres@vivanet.com

For the mean time, please send any inquiries regarding the TiCK keyer chips/kits, Atomic Keyer kits, and Argosy audio cw filter kits to this account.

wb8ygg@juno.com

73

Brad WB8YGG/Gary N2JGU
Embedded Research

Date: Fri, 25 Jul 1997 10:53:26 -0700
From: Ed Loranger <we6w@qsl.net>
To: ke3fl@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23716] Re: Ease of making contacts proportional to power?
Message-ID: <33D8E816.46FC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Philip Karras wrote:

> 73 & 72 de KE3FL
> Phil

> (Nothing to Extra in 7 months - not quite as good as 1 day as
> Ed/WE6W did it :-)
>
Thanks for the mention Phil. And again, congrats to your
accomplishment too!

> P.S. My only disappointment in doing it so fast was that I
> didn't get to do Novice Roundup as a Novice, how about you Ed?From ke3fl

Oh, yeah. Getting all my novice experience now!

72/Ed Loranger

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 25 Jul 1997 14:32:07 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l)
Subject: [23717] Bumblebee Announcement
Message-ID: <199707251832.0AA13312@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Seeing all the other announcements, I realized I should do the same.

The Southeast Ohio Radio Adventure Team, in the persons of

Mike Hansgen AA8EB
Tom Witherspoon KC8GLI
Eric mcFadden WD8RIF

will be operating from North Bend State Park WV--yes, West Virginia!--
under the callsign WD8RIF/BB. We'll be using a QRP+ and a selection of
wire antennas.

72, and see you the air!

Eric

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Fri, 25 Jul 97 11:33:01 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [23718] Virtually Final Roster for the Bumblebees
Message-ID: <199707251832.LAA17094@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: quoted-printable

Here is the virtually final roster of Bumblebees. We've been able =
fill the slots opened up by a few bees who had last-minute conflicts. =
At this moment, we have one empty slot left. Aspiring Bumblebees =
should send an email to Russ Carpenter, AA7QU, at russ@natworld.com.

You can find the rules for the FLIGHT OF THE BUMBLEBEES at =
<http://www.natworld.com/ars/events/bumble/bbrules.html>. See you on =
Sunday!

Seab	AA1MY	Huntington State Park, CT	=
Paul	AA4XX	Black Balsam, NC	=
Gary	AA6R	Backpacking in the Sierras, CA	=
Russ	AA7QU	Mt. Washington Wilderness, OR	=
Kent	AB7OA	In the mountains near Prescott, AZ	=
Randy	AB7TK	In the mountains near McCall, ID	=
Joe	AB7TT	Kendrick Peak, near Flagstaff, AZ	=
Lorraine	AC6XK	Mt. San Jacinto, CA	=
Mike	AH7R	Near Chinaman=B9s Hat, Oahu, HI	=
Geno	AL7GQ	Rocky Mountain National Park, CO	=
Doc	K0EVZ	Pending	=

Ron	K4WK	Stone Mountain, GA	=
Joe	K5RAC	Red Kane Park, Arlington, TX	=
Jim	K7KBD	NE corner of Yellowstone Nat. Park, MT	=
Richard	K7SZ	Lake Wallenpaupak , Poconos, NY	=
Dale	KB0VCC	Nokhu Craggs,, near Cameron Pass, CO	=
Walt	KB2JE	Slide Mountain, NY	=
Bill	KD7S	Kings Canyon National Park, CA	=
Richard	KF6CTA	Monument Peak, near San Diego, CA	=
Dave	KG0ZT	Apple orchard near Rochester, MN	=
Richard	KI6SN	Box Springs Mountain, CA	=
John	K06TS	Onyx Summit, CA	=
John	N0HJ	Barr Camp, east of Pikes Peak, CO	=
Dave	N0IBT	City of Boulder Mountain Parks, CO	=
Jeff	N0WCF	Pending	=
Dean	N2TNN	Afloat in Barnegat Bay, NY	=
Kevin	N2TO	Pocono Mountains, PA	=
Mark	N2VPK	Allen Lake, NY	=
Bill	N3WST	Prettyboy Reservoir, MD	=
John	N4JS	From boat in Delaware Bay, NJ	=
Dan	N4ROA	Clinch Mountain, VA	=
Ed	N5EM	Cancelled	=
Wayne	N6KR	At the edge of San Francisco Bay, CA	=
Dan	N7CQR	Mountains near McKenzie River, OR	=
Rick	N7TN	Pacific Crest Trail, near Truckee, CA	=

John	VE3JC	From a canoe, Thames River, ONT	=
Dick	W0CQC	Lost Creek Wilderness near Bailey, CO	=
Tony	W2GUM	Twin Lights Lighthouse, NJ	=
Bob	W4ED	Frosty Mountain GA	=
Jack	W5TFB	Lake in College Station, TX	=
Jim	W6QO	Kennesaw Mountain, GA	=
Bruce	W6TOY	Maryland State Fairgrounds, MD	=
David	W7AQK	Ft. Tuthill, AZ	=
John	W7RFM	Pending	=
Joel	WA1QVM	Top of 8 story buillding, Cambridge, MA	=
Don	WA4IML	Watson Mill Bridge State Park, GA	=
Brad	WB0CGH	Lake Lewisville, TX	=
Don	WD6GYJ	In the Sierras near Bridgeport, CA	=
Eric	WD8RIF	North Bend State Park, WVA	=
Randy	WJ4P	Mountains near Jasper, Alberta	=

Date: Fri, 25 Jul 1997 13:20:41 -0700
 From: rob3ert@juno.com (Robert G. Parks)
 To: adams@chuck.dallas.sgi.com
 Cc: qrp-1@Lehigh.EDU
 Subject: [23719] Tuthill
 Message-ID: <19970725.132042.3606.2.rob3ert@juno.com>

Chuck,

Idon't know what's happening with my e-mail, but I've sent (2) to the

list and nothing shows up, here.

Just where is Tuthill? I got the bug to go and can't find a location.

72/73

Bob Parks
K6AEC (Las Vegas)

Date: Fri, 25 Jul 1997 12:20:37 -0700
From: rob3ert@juno.com (Robert G. Parks)
To: qrp-1@Lehigh.EDU
Subject: [23720] Tuthill
Message-ID: <19970725.122040.3606.1.rob3ert@juno.com>

OK gang,

Got a wild hair today, and thought maybe I'd attend the Tuthill "extravaganza"; but when I consulted my various road maps, etc, I couldn't find any reference to a Tuthill (except for a Tuthill Creek in new England!).

Where is Tuthill?

72/73

Bob Parks
K6AEC (Las Vegas)

Date: Fri, 25 Jul 1997 13:23:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: mike@krypton.nmr.Hawaii.Edu (Receipt Notification Requested), qrp-1@Lehigh.EDU (Receipt Notification Requested)
Subject: [23721] Re: vertical reflector
Message-ID: <M1975333.004.w6w73.1.970725204320Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Mike:

There sure is good reason to use a reflector with your vertical. It works.

For design info, look in any antenna book, and start with a two or three element

yagi to establish element lengths. Then cut the elements in half, since you will be using them vertically, working against ground.

You will need a ground system under each element, but they can be bonded together into one larger ground system.

The ground requirements are much the same as if you were just putting up a single vertical element, the more the better.

Have fun.

73, Bob N6WG

Date: Fri, 25 Jul 1997 13:30:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: cwfister@lightspeed.net (Receipt Notification Requested), qrp-1@Lehigh.EDU (Receipt Notification Requested)
Subject: [23722] Hi John
Message-ID: <M1975334.005.w6w74.1.970725204321Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hi, John:

Just saw your qrp-1 post. Funny running into you here after working you a couple of times on the air. Glad to see you here.

I get a big kick out of calling QRO stations without identifying myself as QRP. Then later on, after exchanging reports, I let out that I'm QRP. By then it usually doesn't matter and we go on.

There are several good amplifier articles around, including in the Electronic Design for Radio Amateurs and in QRP Classics (I think). Biggest problem in some of the older articles is finding the power devices. Some aren't made anymore, so you need to adapt newer ones.

Hope to see you on 40 cw agn.

73, Bob N6WG

Date: Fri, 25 Jul 1997 13:12:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: 70511.3041@compuserve.com (Receipt Notification Requested), qrp-1@Lehigh.EDU

(Receipt Notification Requested)

Subject: [23723] Re: Which Wire?

Message-ID: <M1975332.003.w6w72.1.970725204319Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Doc:

I just returned from a vacation trip in which I used a simple groundplane antenna something like the Wye you propose.

I had a SD20 20 ft pole to hold up the vertical leg of the antenna, then the top went out horizontally to finish the quarter wave. Used two radials 180 degrees apart.

Matched and loaded well. Wire used was wire-wrap stuff used for hookup wire. Turned out to be much tougher than I expected, given its relative thinness. If you can find some at a swap meet or flea market, try it.

Also hard to see, so very unobtrusive if that matters.

73, Bob N6WG

End of QRP-L Digest 798

